

From: [Wirtz, Christina \(DNREC\)](#)
To: [Rossi, Debra](#)
Cc: [Will, Paul \(DNREC\)](#)
Subject: FW: ACL Work Plan Comments
Date: Wednesday, March 14, 2018 10:28:12 AM
Attachments: [ACL WORK PLAN ADDITIONAL INVESTIGATION 02.14.2018.pdf](#)
[Site Inspection Work Plan DE-0363.pdf](#)
[NASA PFCs SOP.pdf](#)

Hello Debbie,

One more thing before I am out of the office next week - I reviewed Ruth Associates, Inc. work plan dated Feb. 14, 2018 for the PFAS groundwater sampling at Army Creek Landfill, and have the following comments:

- As previously discussed for the Golder Associates Work Plan for DS&G, we would greatly appreciate having the PFAS results for ACL provided to us in the EQuIS EDD format.
- Also as previously, we would recommend using the most recent EPA or ITRC PFAS field sampling protocol or guidance in the work plan SOPs, when available. We understand EPA is currently developing standard operating procedures for PFAS field sampling, as referenced in the EPA Technical Brief dated March 2017. ITRC is also developing a fact sheet with PFAS field sampling protocols, entitled "Site Characterization Tools, Sampling Techniques, and Laboratory Analytical Methods" that should be available as a draft in another month or so.

Also as discussed before, our SIRS group has been working on developing field sampling protocols for PFAS to help minimize possible sample contamination. They have been using the attached EPA NASA PFCs SOP. In addition, MassDEP and NHDES have developed detailed PFAS collection guidance, which may be helpful for Ruth Associates' review. In addition, I have attached DNREC's Site Inspection Work Plan from May 2017 that includes PFAS sampling for the nearby New Castle Public Wells Groundwater Plume Site as an FYI for Ruth Associates as well.

Please let us know if you should have any questions or concerns.

Best regards,

C

From: Rossi, Debra [<mailto:Rossi.Debra@epa.gov>]
Sent: Thursday, February 15, 2018 8:14 AM
To: Wirtz, Christina (DNREC) <Christina.Wirtz@state.de.us>; [REDACTED]
[REDACTED]
Subject: FW: ACL Work Plan

[REDACTED] and Christina,

Please let me know if you have comments on the attached work plan.

Thank you.

Debbie

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From: Harris, Michael [<mailto:MHarris@nccde.org>]
Sent: Wednesday, February 14, 2018 5:02 PM
To: Rossi, Debra <Rossi.Debra@epa.gov>
Cc: mcrrai@gmail.com; Miller, Theresa <theresa_miller@golder.com>; SHERRIER, MICHAEL P <Michael.P.Sherrier@dupont.com>
Subject: ACL Work Plan

Debbie,

On behalf of the Army Creek Private Settlers and New Castle County, please find attached our work plan to conduct additional investigation in the vicinity of the western lobe of the Army Creek Landfill. This work plan is submitted in response to EPA's September 28, 2017 letter. We await your review.

Thanks,
Mike